

10/4/30

DIALOG(R) File 351:Derwent WPI

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AA- 1993-391675/199349 |

XR- <XRAM> C93-173796|

TI- Chocolate compsn. effective against **thrombosis** and **atherosclerosis**  
contg. fat including eicosa-pentaenoic acid and/or docosa-hexaenoic  
acid and **catechin** |

PA- ASAHI DENKA KOGYO KK (ASAE )|

NC- 001|

NP- 001|

PN- JP 5292885 A 19931109 JP 92103276 A 19920422 199349 B|

AN- <LOCAL> JP 92103276 A 19920422|

AN- <PR> JP 92103276 A 19920422|

FD- JP 5292885 A A23G-001/00|

LA- JP 5292885(10)|

AB- <BASIC> JP 5292885 A

A chocolate compn. comprises a non-hydrogenated fat and oil  
containing eicosapentaenoic acid (EPA) and/or docosahexaenoic acid  
(DHA) and a **catechin** .

Pref. fats and oils contain DHA and/or EPA in 5-50 (7-40) w/w%.  
Fats and oils are eg. fish oil, whale oil, cod-liver oil, shell oil,  
bacterial oil, etc. The composition contains the fats and oils in 1-10  
w/w %, pref. 2-5 w/w %. The **catechin** includes **gallocatechin** ,  
**epigallocatechin** , **epicatechin** , **epigallocatechin** gallate and  
**epicatechin** gallate. The **catechin** is used to prevent a nasty smell  
from DHA and EPA. The **catechin** is used in 0.01-0.20 w/w %, esp.  
0.1-0.5 w/w % to the fats and oils. In order to enhance dispersibility,  
there may be added fatty acid glycerides, propylene glycol fatty acid  
esters or sucrose fatty acid esters.

USE/ADVANTAGE - The chocolate exhibits anti-**thrombosis** and anti-  
**atherosclerosis** activity and is stable to oxidation. The flavour and  
taste remain unchanged in the chocolate.

In an example, white chocolate was prepared from powdered sugar  
(38 parts), powdered milk (32 parts), cacao butter (28 parts) and fish  
oil (2 parts) containing **catechins** which contain EPA in 7 w/w % and  
DHA in 14 w/w % and lecitin.

Dwg.0/0|

DE- <TITLE TERMS> CHOCOLATE; COMPOSITION; EFFECT; **THROMBOSIS** ;

**ATHEROSCLEROSIS** ; CONTAIN; FAT; EICOSA; PENTA; ENOIC; ACID; DOCOSA;  
HEXA; ENOIC; ACID; **CATECHIN** |

DC- B05; D13; E17|

IC- <MAIN> A23G-001/00|

IC- <ADDITIONAL> A23L-001/30; A61K-035/78|

MC- <CPI> B06-A01; B10-C04E; B12-H02; D03-E07; E10-C04L2|

FS- CPI||

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AA- 1993-375304/199347 |

XR- <XRAM> C93-166881|

TI- Buccal compsn. for preventing dental caries and gingival diseases -  
contains Sanggenon C which exhibits antiinflammatory activity, used in  
tooth paste|

PA- PACIFIC CHEM CO LTD (PACI-N)|

AU- <INVENTORS> LEE H; PARK W|

NC- 001|

NP- 001|

PN- KR 9302725 B 19930409 KR 9010141 A 19900705 199347 B|

AN- <LOCAL> KR 9010141 A 19900705|

AN- <PR> KR 9010141 A 19900705|

FD- KR 9302725 B A61K-007/16|

AB- <BASIC> KR 9302725 B

The compsn. contg. 0.01-0.5 wt.% of Sanggenon C is used for

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